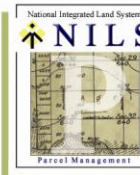
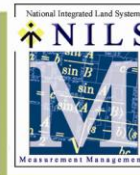
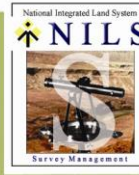
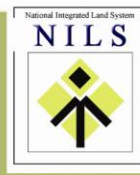


NILS



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National Integrated Land System

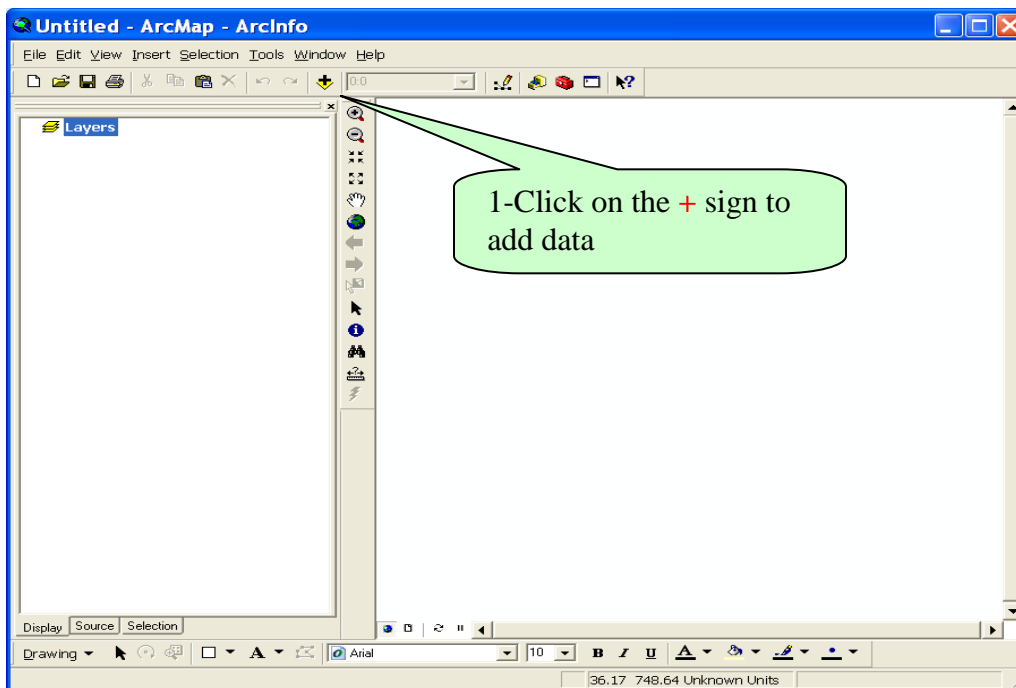
Using BLM's NILS GeoCommunicator Map Services in ESRI's ArcMap

The following document describes the process of using ESRI's ArcMap to bring in NILS' GeoCommunicator (<http://www.geocommunicator.gov>) map image and feature services, how to combine the data with your local data sets, and how to export the data to shapefiles from the feature services. Descriptions of the map and feature services can be found in the Data Themes document in the Map & Data Services Section of NILS GeoCommunicator.

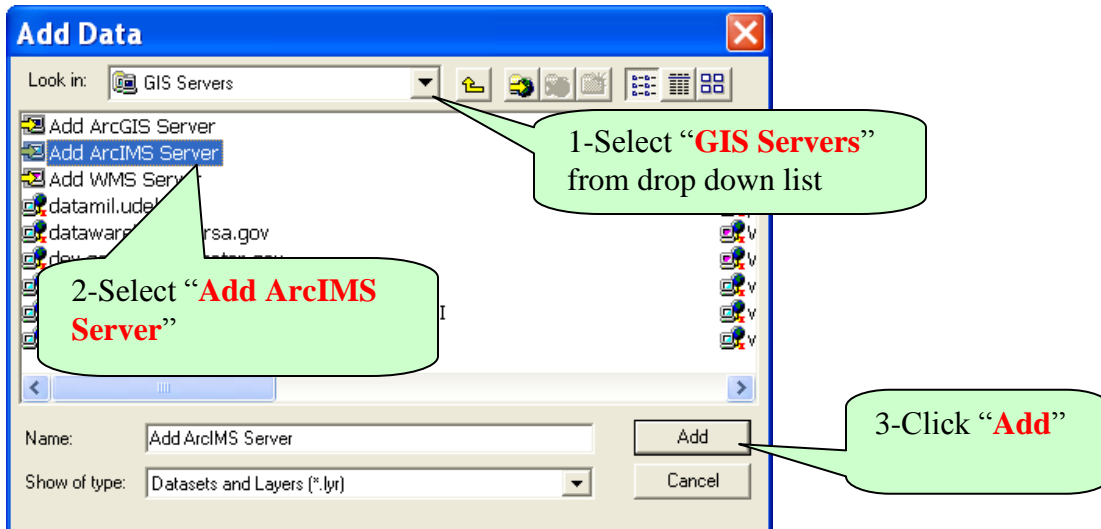
Important Notice: Please read the Data Disclaimer at the end of this document.

1-Bring up ArcMap,

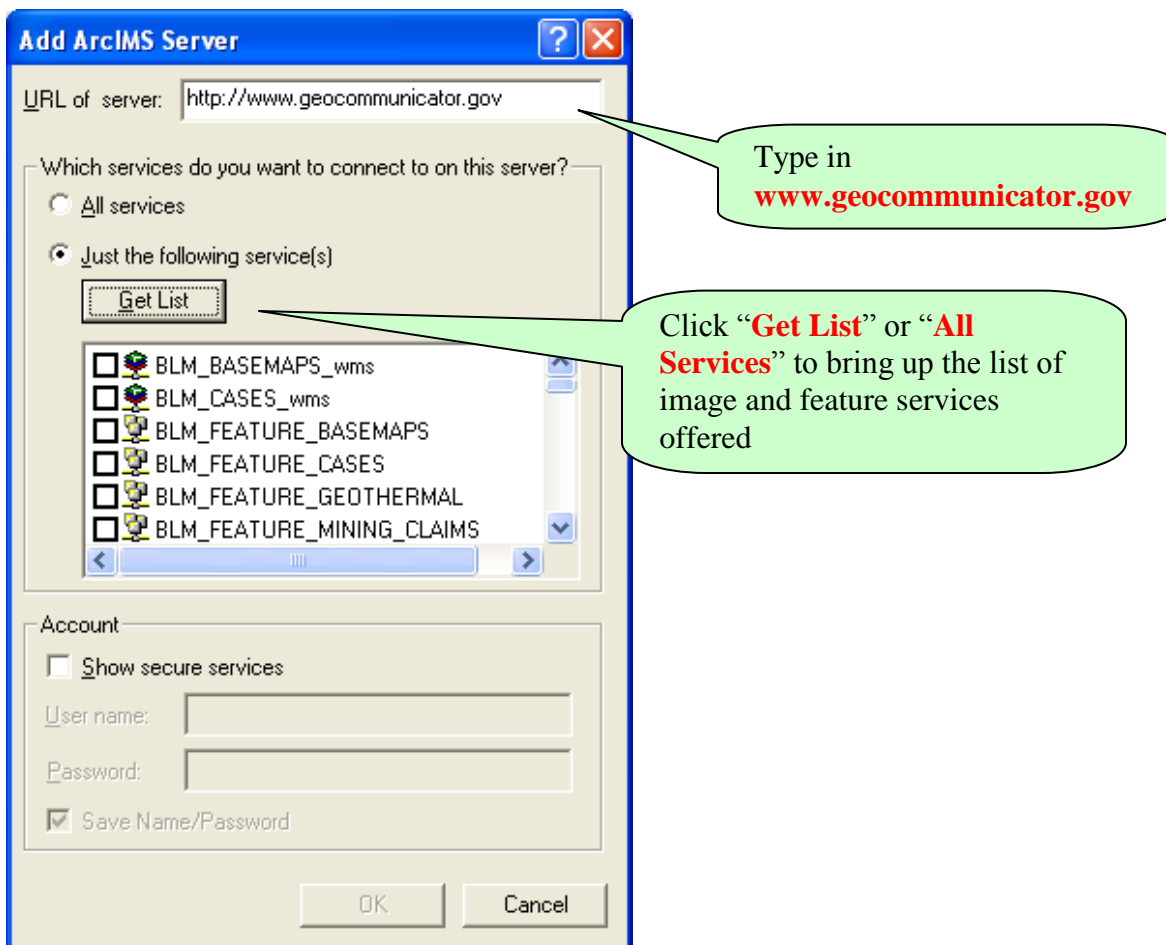
Click the + sign to add data to the map.



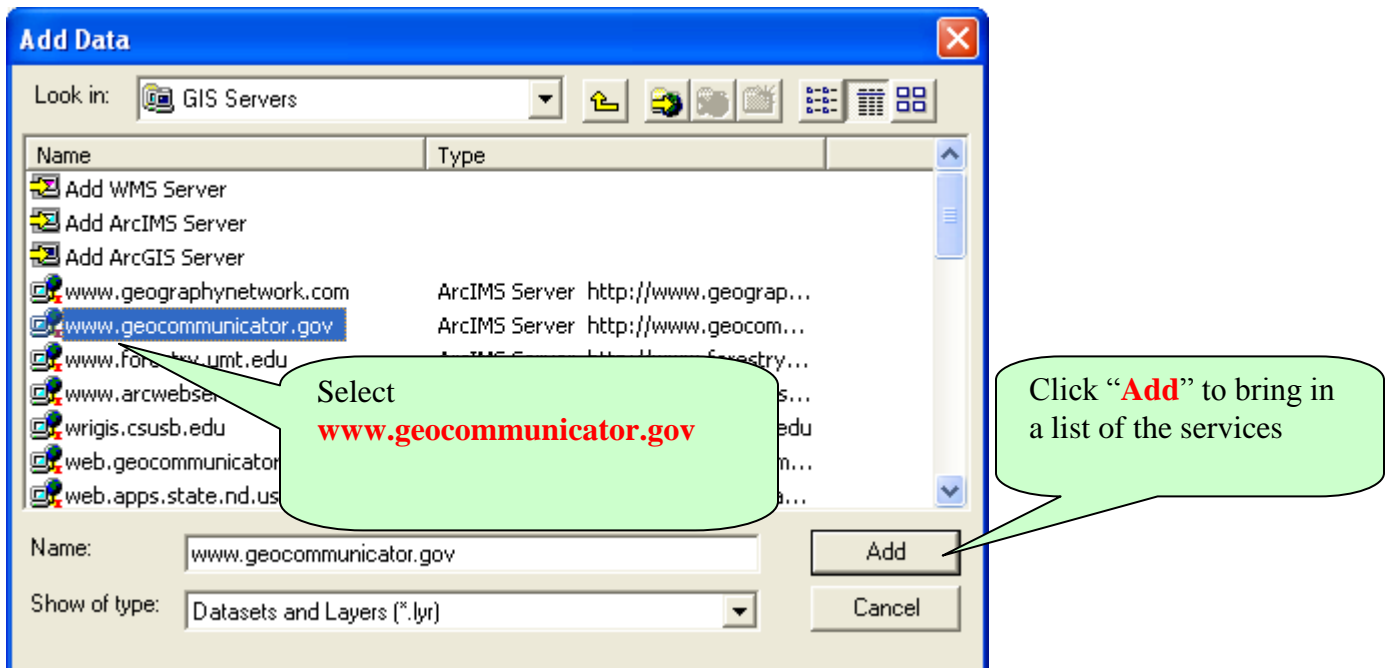
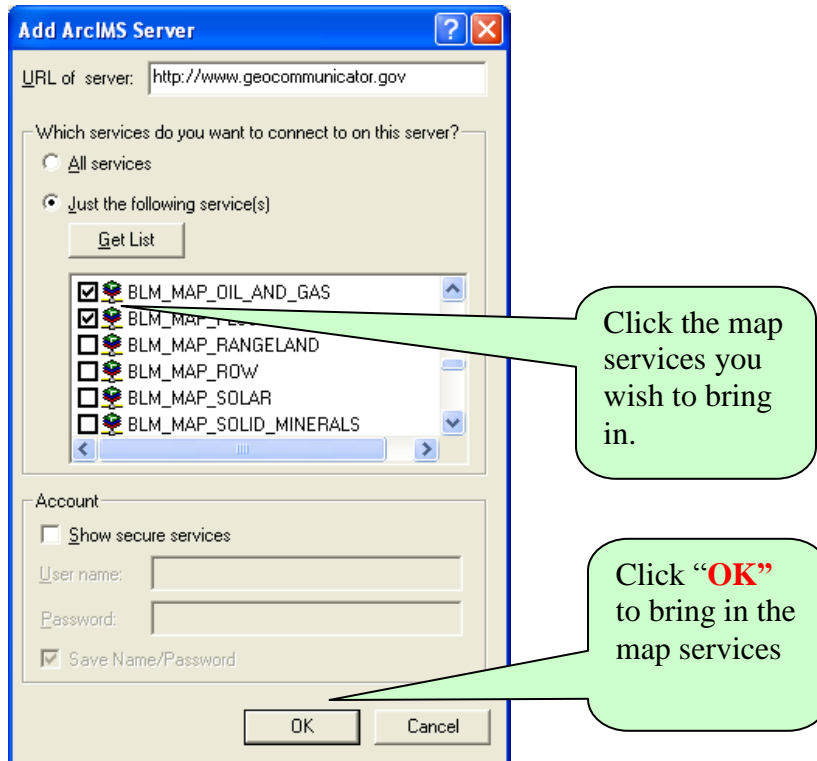
2-Add data, Select **GIS Servers** from Look In Drop down menu, Select **Add ArcIMS Server** from list.

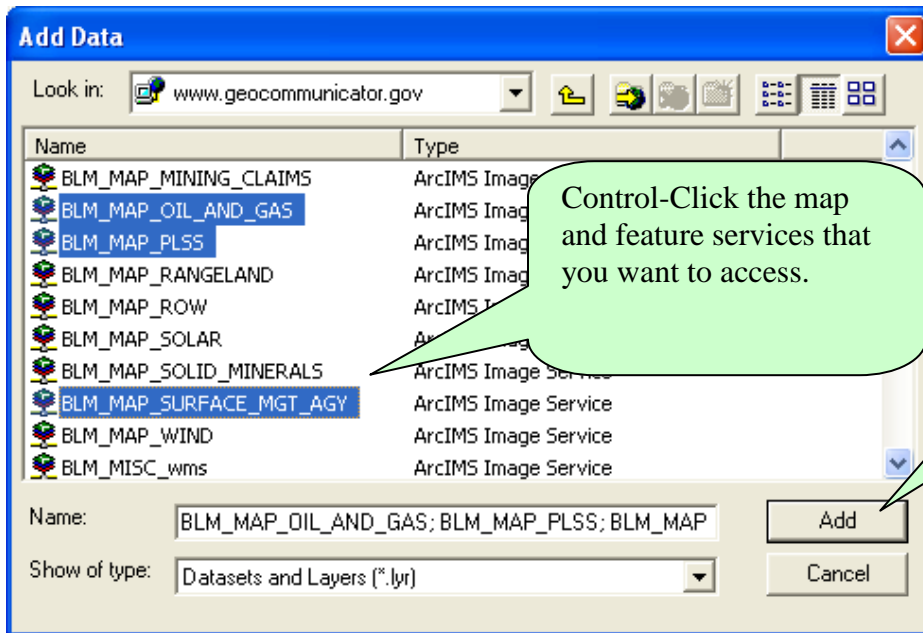


3-Add www.geocommunicator.gov as the URL of Server, click "**Get List**" to select the layers you want or select "**All Services**" to get everything.

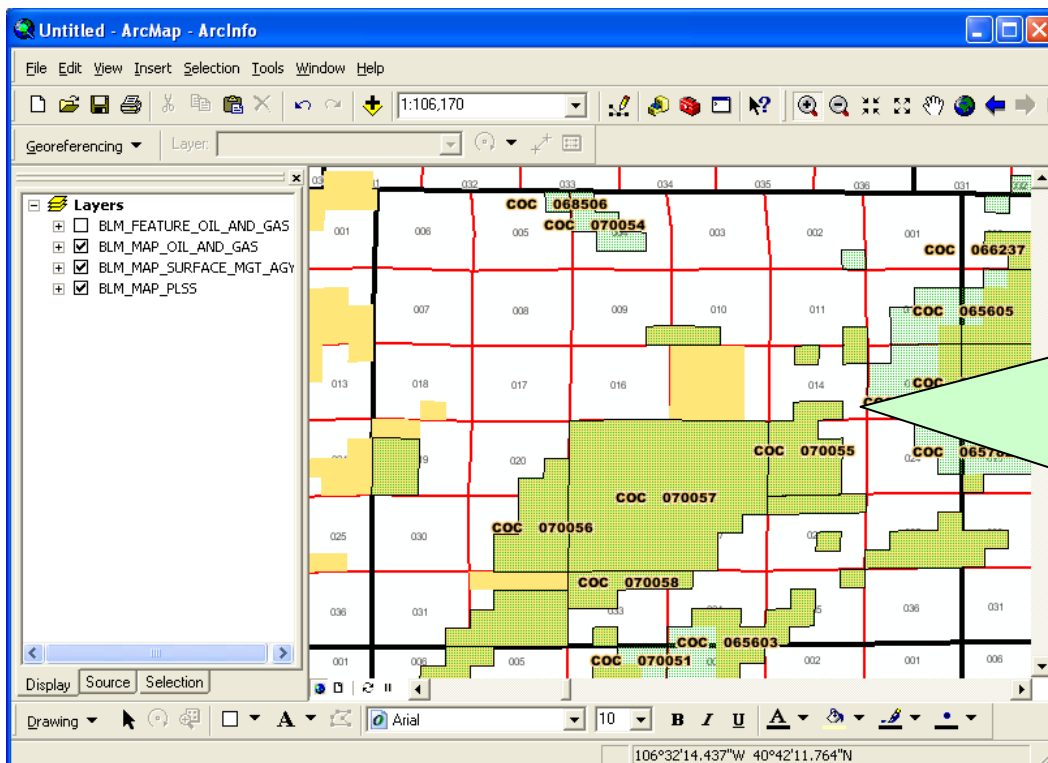


4- Select the services you want to add and select “**OK**”. All services listed are image services unless specified as FEATURE. The layers with the word “MAP” in theme have been made more user friendly (better attribute names). For definitions of the map services go to the Map and Data Services section in GeoCommunicator for the “Data Themes and Layers”.





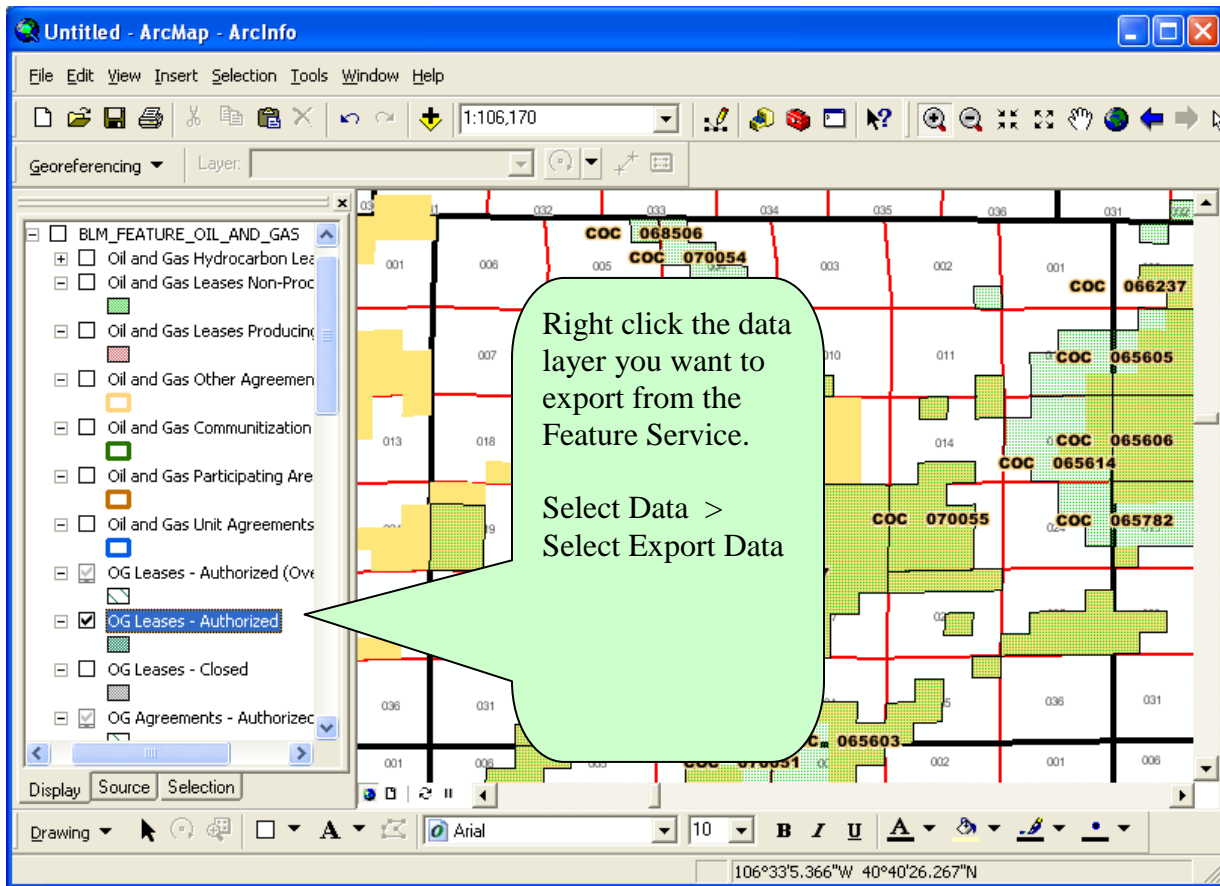
5- ArcMap showing GeoCommunicator map services (image and feature). Bring in the feature services if you want to export the data to shapefiles. Bring in your local data sets or other Internet map services by using the “Add Data” selection.



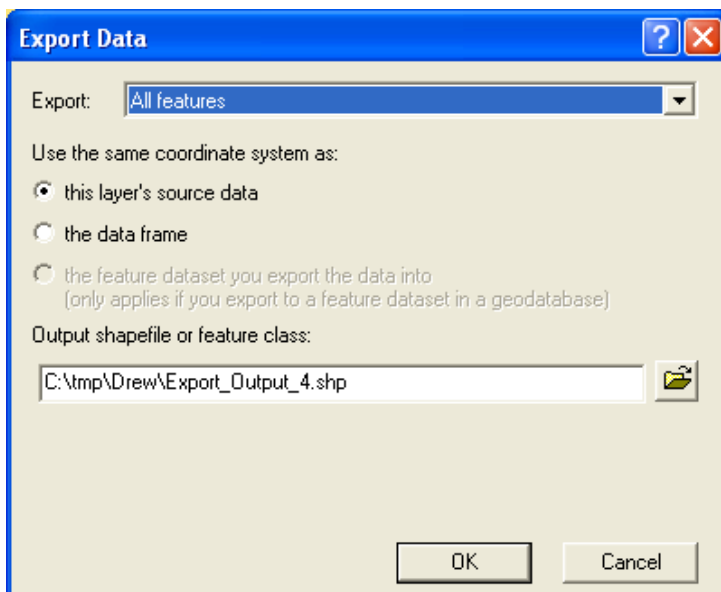
6 - Export Data as shapefiles using the Feature Services:

From the feature services streamed in ArcMap you can export the feature data layers as shapefiles. Right click the data layer you want such as the 'OG Leases - Authorized' in the data frame and use the **Data > Export Data** option.

This allows you to export the data into a shapefile (or PGDB) based on the selected records, extent view, all available records, etc. There is a feature limit of 100,000 features imposed on the feature services. Therefore large data sets might have to be broken down based on selecting records.



Save the data to your local directory:



Data Disclaimer

The graphical display of land and mineral parcels and mining claims are NOT a substitute for the official BLM record. Most of the cases from the BLM's National Integrated Land System and the BLM's Legacy Rehost LR2000 (LR2000) are displayed in GeoCommunicator, **although not all**. Approximately 80- 85 % of the LR2000 records are in NILS GeoCommunicator. Therefore, **there are land and mineral records and mining claims issued or recorded by the BLM and maintained in LR2000 or other systems that occur on the land but are not in GeoCommunicator and therefore do not show up on the map**. Please refer to the LR2000 reports (<http://www.blm.gov/lr2000>) for a complete list of land and mineral records and mining claims. Unpatented mining claims are generally 'nominally' recorded to the quarter section. The actual location of the mining claim is somewhere in the mapped area. See GeoCommunicator's "What's New", "About", or "Reference" sections for more information.

Many of our map layers include data from other agencies including abandoned mines, surface management agency boundaries, USFS range allotments and regulated uses, Topo maps, imagery, lakes, rivers, streams, etc. The USDOJ does not control the relevance, timeliness, or accuracy of information provided by other agencies, and therefore, provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of furnished data. For additional information regarding abandoned mine activities, please contact the Land Management Agency responsible for the public lands where the mine is located.

The data on GeoCommunicator can be used for information, mapping, graphics, and planning purposes only. Although this data is made available by the BLM, no warranty, expressed or implied, including accuracy, relevancy, timeliness, utility, or completeness of the data and information is made by the BLM, nor shall the act of distribution constitute any such warranty for individual or aggregate data use with other data. The BLM shall not be held liable for improper use of the data described and/or contained herein. By using this data you hereby agree to these conditions. The BLM survey data is intended for mapping purposes only and is not a substitute for an official land survey.

For further information on the Map services refer to our **Map & Data Services Section** on the NILS GeoCommunicator web site at <http://www.geocommunicator.gov> V0509



National Integrated Land System (NILS)

www.blm.gov/nils

